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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/528,680

03/21/2005

Christoph Herrmann

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PHILIPS INTELLECTUAL PROPERTY & STANDARDS

P.O. BOX 3001

BRIARCLIFF MANOR, NY 10510

EXAMINER

HERRERA, DIEGO D

ART UNIT

PAPER NUMBER

2617

MAIL DATE

DELIVERY MODE

06/28/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/528,680

Applicant(s)

HERRMANN, CHRISTOPH

Examiner

Diego Herrera

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 March 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 March 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Specification

This application does not contain an abstract of the disclosure as required by 37 CFR 1.72(b). An abstract on a separate sheet is required.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

Claims 1-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kim et al. (US publication 20030108027 A1), and in view of Seo et al. (US publication 20030185159 A1).

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Regarding claim s 1, & 4-5. Kim et al. discloses a method of transmitting data packets between a transmitter and a receiver in predefined numbered slots, wherein the transmitter is provided for sending in one slot data of different streams multiplexed in a data packet to the receiver, wherein a STOP command is provided for at least one numbered slot (paragraph [0036], Kim et al. has a stop command), wherein the receiver is provided for sending the STOP command to the transmitter, however, Kim et al. does not discloses specifically wherein a mapping table is provided which maps each STOP command of the numbered slots to a set of streams of the respective slot wherein the STOP command is provided for blocking a set of the streams of the respective slot according to the mapping table, nevertheless, Seo et al. teaches the limitation (paragraph [0080]-[0083], Seo et al. teaches tables with formats according to HS-pilots and DPCH slot format), therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made by Kim et al. to specifically include specifically wherein a mapping table is provided which maps each STOP command of the numbered slots to a set of streams of the respective slot wherein the STOP command is provided for blocking a set of the streams of the respective slot according to the mapping table, as taught by Seo et al. for the purposes of uplink transmission power control (paragraph [0003]).

Consider claim 2. A method as claimed in claim 1, the combination discloses wherein the transmitter and the receiver are provided with the mapping table by means of a configuration message (paragraph [0090], Seo et al. teaches tables

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and times of activations and periods of starting transmission and receiving).

Consider claim 3. A method as claimed in claim 1, the combination discloses wherein the receiver, once it has sent a STOP command to block a set of streams, starts a timer assigned to this set and, once the timer has stopped running, sends a further STOP command in so far as the set of streams to be blocked are still to be blocked (paragraph [0090], Seo et al. teaches tables and times of activations and periods of starting transmission and receiving).

Consider claim 6. A system as claimed in claim 5, the combination discloses wherein the transmitter is a base station and the receiver is a mobile station of a wireless or cellular telecommunications network (fig. 2,4, paragraph [0007], [0032], Kim et al. teaches RNC and mobile user equipment).

Consider claim 7. A system as claimed in claim 5, the combination discloses wherein the slot numbers are given by the HARQ process numbers of the High Speed Downlink Shared channel (paragraph [0036], Kim et al. teaches HSDPA in the HARQ system) of a Universal Mobile Telecommunications System (UMTS) (fig. 4, paragraph [0031], Kim et al. teaches UMTS communication system).

Consider claim 8. A system as claimed in claim 5, the combination discloses wherein one of the bit combinations of the Channel Quality Indication of the downlink Time Transmission Interval of the Universal Mobile

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telecommunications System (UMTS) is used for the signaling of the STOP command (paragraph [0008], [0025], [0039], Seo et al. teaches channel quality indication of high speed packet data from the node).

Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Kim et al., and in view of Seo, and further view of Rune (US publication 20010002906 A1).

Consider claim 9. A system as claimed in claim 5, the combination discloses wherein the receiver is connectable to an electronic device via an air interface, however the combination does not disclose specifically in particular via a Bluetooth Interface or via a Infrared Interface, however, Rune teaches Bluetooth (abstract, paragraph [0033]), therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made by the combination to specifically include Bluetooth as taught by Rune for the purposes of communicating point to point for packet data networks.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Diego Herrera whose telephone number is (571) 272-0907. The examiner can normally be reached on Monday-Friday.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on (571) 272-7922. The

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fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Diego Herrera
Patent Examiner


GEORGE ENG
SUPERVISORY PATENT EXAMINER